unstable in aqueous solution when at 20° C;
wherein said at least one material is selected from the group consisting of peptides.
proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotides, enzymes,
enzyme cofactors and derivatives of any of the foregoing, said derivatives having one or more
additional moieties bound thereto; and
wherein said step of forming comprises heating the combined carrier substance and
purified biologically active material to a temperature not exceeding 80° C.
18. The process of claim 17 wherein said step of forming comprises maintaining a sub
atmospheric pressure on the combined carrier substance and purified biologically active material
while heating the combination to at least/30° C and not exceeding 80° C.
19. The process of claim 17 wherein said carrier substance comprises a water soluble
or water swellable synthetic polymer.
20. The process of claim 17 wherein said purified biologically active material is not
an enzyme.
21. The process of claim 17 wherein said purified biologically active material is not
rennin.
22. The process of claim 17 wherein said purified biologically active material
comprises a hormone.
23. The process of claim 17 wherein said purified biologically active material
comprises immunogloblulin.
24. The process of claim 17 wherein said purified biologically active material
comprises a blood clotting factor.

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26. A glassy state composition which is storage-stable at 20° C, comprising:  (1) a carrier substance which is water-soluble or water-swellable and  (2) at least one material to be stored which is dissolved in said amorphous carrier substance;  wherein said at least one material comprises a purified biologically active material to unstable in aqueous solution at 20° C;  wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotienzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto;  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		
26. A glassy state composition which is storage-stable at 20° C, comprising:  (1) a carrier substance which is water-soluble or water-swellable and  (2) at least one material to be stored which is dissolved in said amorphous carrier substance:  wherein said at least one material comprises a purified biologically active material to wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotienzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound therete;  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		25. The process of claim 17 wherein said purified biologically active material
(1) a carrier substance which is water-soluble or water-swellable and  (2) at least one material to be stored which is dissolved in said amorphous carrier substance;  wherein said at least one material comprises a purified biologically active material to unstable in aqueous solution at 20° C;  wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleoticenzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto;  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 1:1.	<u>c</u>	comprises a pharmacologically active protein.
(2) at least one material to be stored which is dissolved in said amorphous carrier substance;  wherein said at least one material comprises a purified biologically active material to unstable in aqueous solution at 20° C;  wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotienzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound therete;  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.	_	26. A glassy state composition which is storage-stable at 20° C, comprising:
wherein said at least one material comprises a purified biologically active material to unstable in aqueous solution at 20° C;  wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleoticenzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto;  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		(1) a carrier substance which is water-soluble or water-swellable and
wherein said at least one material comprises a purified biologically active material to unstable in aqueous solution at 20° C;  wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleoticenzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto;  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		(2) at least one material to be stored which is dissolved in said amorphous carrier
wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleoticenzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto:  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C:  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		substance;
wherein said purified biologically active material is selected from the group consist peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotic enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto:  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		wherein said at least one material comprises a purified biologically active material that is
peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotic enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto:  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C:  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		
peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotic enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto:  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C:  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.		wherein said purified biologically active material is selected from the group consisting of
enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having or more additional moieties bound thereto:  wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		<b>,</b>
wherein said composition has the properties that it is storage stable and exists in a state when at 20° C;  wherein a weight ratio of said purified biologically active material to said carrier substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having one
wherein a weight ratio of said purified biologically active material to said carrier  substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to the four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		,
wherein a weight ratio of said purified biologically active material to said carrier  substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		wherein said composition has the properties that it is storage stable and exists in a glassy
substance is between about 2:1 and about 1:1.  27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		state when at 20° C;
27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		wherein a weight ratio of said purified biologically active material to said carrier
27. The composition of claim 26 wherein said composition contains no more to four weight percent water.  28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		substance is between about 2:1 and about 1:1.
28. The composition of claim 26 wherein said ratio is about 2:1.  29. The composition of claim 26 wherein said ratio is about 1:1.		- Coloim 26 wherein said composition contains no more than
29. The composition of claim 26 wherein said ratio is about 1:1.		
		28. The composition of claim 26 wherein said ratio is about 2:1.
30. The composition of claim 26 wherein said biologically active material is 1		30. The composition of claim 26 wherein said biologically active material is not an
enzyme.		

	31. The composition of claim 26 wherein said biologically active material is not
1 8:31	rennin.
	32. A method of rendering a material storage stable at 20° C which material is
	unstable in aqueous solution at room temperature of 20° C, comprising the steps of:
/	(1) dissolving to form an aqueous solution
	(a) said material and
	(b) a carrier substance which is water-soluble or water-swellable;
	(2) evaporating liquid water from said solution thereby converting said solution into a
	glassy state composition;
	wherein said material comprises a purified biologically active material that is unstable in
BA	wherein said material comprises a purified biologically deliver in the said material comprises a purified biologically deliver in the said material comprises a purified biologically deliver in the said material comprises a purified biologically deliver in the said material comprises a purified biologically deliver in the said material comprises and purified biologically deliver in the said material comprises and purified biologically deliver in the said material comprises and purified biologically deliver in the said material comprises and purified biologically deliver in the said material comprises and the said material comprises
P	aqueous solution at 20° C;
1 and	wherein said biologically active material is selected from the group consisting of
	peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotides,
	enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having one
	or more additional moieties bound thereto;
	wherein said composition has the property that it is storage stable and exists in said glassy
	state when at 20° C; and
	wherein a weight ratio of said purified biologically active material to said carrier
	substance is between about 1:2 and about 1:1.
	33. The method of claim 32 wherein said weight ratio is about 1:1.
	34. The method of claim 32 wherein said weight ratio is about 1:2.
	The method of claim 32 wherein said composition contains no more than 4

7	weight percent water.
	36. The method of claim 32 wherein said biologically active material is not an
le	enzyme.
180	37. The method of claim 32 wherein said biologically active material is not rennin.
1	38. A method of forming a composition which is storage-stable at 20° C, said
	composition comprising:
	(1) dissolving to form an aqueous solution
	(a) a carrier substance which is water-soluble or water-swellable and
	(b) at least one material to be stored;
$\bigcap$	(2) forming said solution containing said carrier substance with said at least one material
bat	dissolved therein into a glassy state by evaporation of liquid water to produce said composition;
Y J	wherein said at least one material comprises a purified biologically active material that is
(John.	unstable in aqueous solution at 20 /C:
	wherein said purified biologically active material is selected from the group consisting of
	peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotides,
	enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having one
	or more additional moieties bound thereto; and
	wherein said composition contains no more than 4 percent by weight of water; and
	wherein said composition has the properties that it is storage stable and exists in a glassy
	state when at 20° C, and
	wherein said step of dissolving comprises dissolving in an aqueous solution having a pH
	of about 7.

	wherein said composition contains no more than 4 percent by weight of water; and
	wherein said biologically active material is not an enzyme.
_	41. A composition which is storage-stable at 20° C, comprising:
	(1) a carrier substance which is water-soluble or water-swellable and
	(2) at least one material to be stored which is dissolved in said carrier substance;
	wherein said composition has the property that it exists in a glassy state when at 20° C;
	wherein said at least one material comprises a purified biologically active material that is
	unstable in aqueous solution at 20° C;
	wherein said biologically active material is selected from the group consisting of
	peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotides,
177	enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having one
D/	or more additional moieties bound thereto;
1	wherein said composition contains no more than 4 percent by weight of water; and
(19M	wherein said biologically active material is not rennin.
. 8.1	42. A composition which is storage-stable at 20° C, comprising:
A REGI	(1) a carrier substance which is water-soluble or water-swellable and
	(2) at least one material to be stored which is dissolved in said carrier substance;
	wherein said composition has the property that it exists in a glassy state when at 20° C;
	wherein said at least one material comprises a purified biologically active material that is
	unstable in aqueous solution at 20° C;
	wherein said biologically active material is selected from the group consisting of
	peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotides,

enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having one or more additional moieties bound thereto; wherein said biologically active material is not an enzyme; and wherein said carrier substance does not comprise maltotriose. A composition which is storage-stable at 20° C, comprising: (1) a carrier substance which is water-sofuble or water-swellable and (2) at least one material to be stored which is dissolved in said carrier substance; wherein said composition has the property that it exists in a glassy state when at 20° C; wherein said at least one material comprises a purified biologically active material that is unstable in aqueous solution at 20° C wherein said biologically active material is selected from the group consisting of peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotides, enzymes, enzyme cofactors and derivatives of any of the foregoing, said derivatives having one or more additional moieties bound thereto; and wherein said biologically active material is not an enzyme and is not freeze stable. A method of forming a composition which is storage-stable at 20° C, comprising the steps of: (1) dissolving to form an aqueous solution (a) a carrier substance which is water-soluble or water-swellable and (b) at least one material to be stored; forming said solution into a glassy state composition by evaporating liquid water; wherein said composition has the property that it exists in a glassy state when at 20° C;

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	wherein said at least one material comprises a purified biologically active material that is
	unstable in aqueous solution at 20° C;
	wherein said biologically active material is selected from the group consisting of
<b>A</b>	peptides, proteins, nucleosides, nucleotides, dimers or oligomers of nucleosides or nucleotides,
7	enzymes, enzyme cofactors and derivatives of the foregoing, said derivatives having one
J. pa	or more additional moieties bound thereto;
	wherein said biologically active material is not an enzyme; and
	wherein said carrier substance dees not comprise maltotriose.
	$\ell_{\mathcal{L}}$